North Fork Crow River Watershed District Alternative Drainage Practices

Clean Water Funds: 2013

Clean Water Grant	$65,810
Leveraged Funds*	$16,453
Total Project Budget	$82,263

*** Leveraged Funds include required 25% local match**

Target Water:

Project Sponsor:
North Fork Crow River Watershed District

Grant Period:
January 2013—December 2015

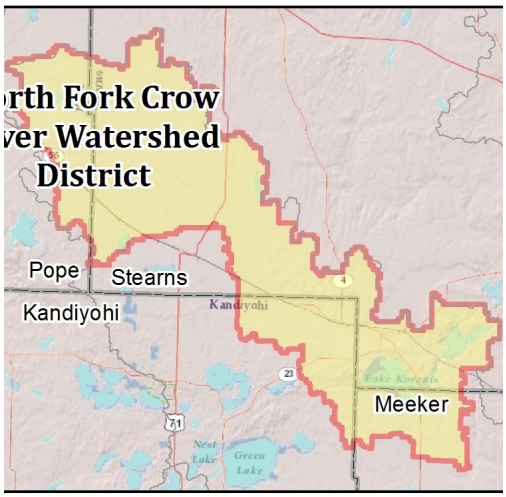
Project Contact:

Josh Reed

CWF13-112 - Conservation Drainage

Project Narrative

The primary land use within the North Fork Crow River Watershed District is mainly row crop agriculture with extensive public and private drainage systems. A large portion of existing tile lines have open intakes that directly transport sediment and nutrients to open ditches leading to the North Fork Crow River (NFCR). The NFCR flows into Rice Lake that is impaired for aquatic recreation due to excessive nutrients.



The District is planning on implementing agricultural conservation practices including 100 Alternative Inlets (Rock inlets or dense pattern tile intakes) and two saturated buffers, to reduce the nutrients, sediment and volume of water being transported by field tile. Implementation of these practices will reduce the nutrient loading from field tile and reduce pollutant loading into the NFCR and Rice Lake.

Proposed Outcomes:

100 alternative tile intakes and 2 saturated buffers will help reduce phosphorus by 140 pounds/year before it enters Rice Lake

Actual Outcomes:

Project in Progress